

Abstract

Name of the Invention: Multilayered Steel Armour

The multilayered steel armour consisting of the front-face ballistic-resistant armour layer (1) and the backing armour layer (2), which are fully metallurgically bonded by means of at least one joining metallic intermediate layer (3), for example, by casting, wide-area welding techniques, using technology of explosive cladding (high-velocity impact cladding), by roll welding or by a combination of the previous techniques. The joining metallic intermediate layer (3) between the front-face ballistic-resistant armour layer (1) and the backing armour layer (2) is made from the material featuring the face-centered cubic crystalline lattice (FCC lattice), in particular, from the nickel alloy containing maximally 98.0 wt% of nickel and/or from steel.